Adam Johnes

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Motivated engineer with a passion for creating innovative software and expanding technical skills. Focused on building dynamic solutions and strong collaborative relationships. Seeking a forward-thinking environment that encourages creativity and growth.

Work Experience

City of St. Louis - Programming Analyst   St. Louis, MO
(March 2024 - Present)

- Develop and maintain CLI tools and scripts to automate daily operations, including sending emails, and executing API calls and webhooks
- Integrate internal systems with PayIT to ingest, organize, and process payee data for internal use allowing stakeholders to move from paper payment records to online
- Build complex SQL queries that helps reduce server processing time, generate dynamic data reports and improve the department's overall efficiency
- Collaborate with internal stakeholders to meet project deadlines and assist with software issues

Alfapet Inc. - Software Engineer Intern   Godfrey, IL
(June 2022 - February 2024)

- Increased sales by 20% by creating a website that analyzes a consumer's cat litter box data and determines the appropriate branded cat pan liner product
- Saved hundreds of labor hours effectively working with upper management to create an application that sorts and organizes shipping orders on the warehouse floor
- Maintained software systems and online platforms, responsible for managing online storefront

Projects

Fantasy Football Archives
(ReactJS, Tailwindcss, NodeJS, SQL, AWS and Heroku)

- Built an online fantasy football archives that fetches player-member data from a custom API using a RDS SQL database hosted on AWS
- Visually displays previous seasons' team statistics and records as well as data about past year's leagues drafts, rosters and winners.
- Allows league members to view previous years information not easily accessible through Yahoo's API

Alfapet Catculator
(Javascript, CSS, HTML)

- Created a sizing tool for cat products which helps boost Alfapet's online representation with over 1000 lifetime users since launch (ref: Google Analytics)
- Analyzes cat litter box dimensions and returns the properly branded product and a link to the amazon store for the user to quickly and easily purchase it

Education

Southern Illinois University Edwardsville   Edwardsville, IL
(January 2019 - December 2022)

- Bachelor of Arts in Computer Science
- Minor in General Psychology

Skills

Object-Oriented Programming	Scripting	Web Development
(Java, C++)	(Python, SQL, Typescript)	(React, Node, Tailwindcss, Git)